

**IN THE CLAIMS:**

Claims in the case are 1, 3, 5 and 6. Claim 1 is amended herein.  
Please amend the claims as follows.

1. (Currently Amended) A continuous process for the preparation of a thermoplastic polyurethane elastomer at a temperature of 130 to 250°C consisting essentially of reacting:

- A) at least one polyether diol having a number average molecular weight (Mn) of 450 to 10,000 and, on average, 1.8 to 2.2 Zerewitinoff active hydrogen atoms; with
  - B) at least one organic diisocyanate; and
  - C) 1,4-di-(2,2'-hydroxyethyl)-hydroquinone,
- in the presence of 10 to 1000 ppm in relation to A) of tin dioctoate as a catalyst

with the proviso that the NCO/OH ratio of the reactants A), B) and C) is 0.85 to 1.2, said thermoplastic polyurethane having a glass transition temperature (Tg) below 50°C, and said process being performed in an extruder.

2. (Cancelled)

3. (Original) The process of Claim 1 wherein the preparation is carried out in a prepolymer process.

4. (Cancelled)

5. (Original) The polyurethane elastomer prepared in accordance with the process of Claim 1.

6. (Previously Amended) The polyurethane elastomer of Claim 5 further containing at least one auxiliary substance.

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